| Index of Claims | | | | | | | | | | | | | Application/Control No. | | | | | | | | | Applicant(s)/Patent under Reexamination | | | | | | | | |
|---------------------|------------------|---------------------|--------------|-----------|---------|-----------------|-------------|-----------|-------------------|----------|----------------------|----------|-------------------------|----------|------------------|-----------|----------|--------|-------|-------|------------------------------|---|------------------|---------|--|-----------------|----------|----------|----------|--|
| | | | | | | | | | | | | | | | /818 | | | | | | | | | EE | | AL. | | | | |
| | | | | | | | | | | | | | | Examiner | | | | | | | | | t Un | IIT | | | | | | |
| | | | | | | | | | | | | | | | Humera N. Sheikh | | | | | | | | 16 | | | | | | | |
| | | J | Re | ject | ted | | | - | (Т | hrou | igh i | nun | nera d | l) | | N | No | n-E | lec | ted | | A | | Аp | pea | al | | | | |
| | | = | Ai | low | ed | | | ÷ | | R | estri | cte | d d | | | ī | In | terf | eren | ıce | | 0 | (| Obj | ecte | ed | | | | |
| CI | aim | | | | Dat | J | | | —— Э. | | aim | | | _ | Dat | <u></u> | | | | | ı aim | L | | | Date | | | | ך | |
| | | | 1 | Т | T | Ĭ | | T | 1 | | | 1 | П | | | | П | \top | 1 4 | | | ٦ | \Box | | T | | П | T | 1 | |
| Final | Original | 12/2/06 | İ | | | | | | 7 | Final | Original | 12/2/06 | | | | | | | | Final | Original | 12/2/06 | | | | | | | | |
| <u> </u> | 1 | | | \dagger | | | | | _ | | 51 | | | + | | | | | - | | 101 | | + | + | - | | | + | | |
| | 2 | | | \perp | \bot | | | | | | 52 | | | Ŧ | | _ | | |] . [| | 102 | | | \perp | | | | - | _ | |
| | 4 | \vdash | \dashv | + | + | Н | - | | 1 | - | 53 54 | ╁ | | + | ┿ | \vdash | | +- | - | | 103 104 | \vdash | | + | +- | Н | \dashv | | | |
| | 5 | | 丰 | | | | | | 1 | | 55 56 | | | | | | | | | | 104 105 | | | | | | | | | |
| - | 6 | Н | \dashv | + | + | H | \dashv | | ┨. | | <u>56</u> 57 | ├ | - | + | + | ┼ | \dashv | + | - | | 106 107 | - | + | +- | ┼ | Н | \dashv | + | 4 | |
| | 8 | | \dashv | | | | | | ┪. | | 38 | | \vdash | \top | +- | 1 | | + | - 1 | | 108 | | _ | +- | - | Н | - | + | \dashv | |
| | 9 | П | \Box | \perp | T | | | \Box |] . | | 58 59 60 | | | | | \Box | | |] | | 108 109 | П | | | | | | | | |
| | 10 11 | H | + | + | + | Н | | - | ╣. | <u> </u> | 9D | \vdash | \vdash | + | +- | - | + | +- | - | | 110 111 | \vdash | + | + | ┼─ | \vdash | \dashv | + | - | |
| | 12 | | | | | | | | d : : | | 62 63 | | | 1 | | | | | 1 | | 112 | | \Box | | | | | | _ | |
| | 13 14 | \square | | _ | + | \square | | _ | 4 | ļ | 63 | L | _ | _ | | \perp | | _ |] | | 113 | | _ | _ | - | | | _L | 7 | |
| | 15 | \vdash | + | + | + | Н | \dashv | + | - | - | 64 65 | ┢ | \dashv | + | + | \vdash | -+ | + | - | | 114 115 | \vdash | + | +- | ├ | - | \dashv | + | - | |
| | 16 | | 1 | | | | | |] | | 66 67 | | | | | | | | | | 116 | | | 1 | | | | | | |
| | 1.7 18 | \vdash | -+ | + | +- | | \dashv | - | - " | - | 67 68 | ┝ | | + | + | \vdash | \dashv | + | 1 | | 117 118 | $\vdash \vdash$ | + | + | - | \vdash | \dashv | + | - | |
| | 19 | | | | | | | | 1 | | 6 9 70 | T | | \pm | | \Box | | | | | 119 | | _ | + | | | | \top | ┪ | |
| _ | 20 | Ш | 4 | \perp | \bot | | _ | | - | | 70 | L | Щ. | 4 | _ | | | |] | | 120 | | 1 | \perp | | | \Box | \bot | 7 | |
| | 22 | H | + | + | +- | \vdash | - | + | ┨. | | 72 | - | \dashv | + | - - | Н | - | + | + . | | 121 122 | \vdash | + | + | ╁┈ | Н | \dashv | + | \dashv | |
| | 238 | | | 工 | | | | |] | | 7/3 | | | | | | | |] " | | 123 | | | | | | | | | |
| <u> </u> | 24 | \vdash | + | + | +- | \vdash | | + | 4 | | 74 75 | ├ | - | _ | | Н | - | - | 4 . | | 124 | | + | + | ╀ | $\vdash \vdash$ | | 4 | 4 | |
| 1 | 25 26 27 | Н | \dashv | + | + | \vdash | | - | 1 | | 76 | _ | \dashv | + | ╁ | \vdash | \dashv | + | 1 | | 125 126 127 | H | \dashv | ╁┈ | ╁ | H | | _ | _ | |
| | 27 | | 1 | \bot | \bot | | | |] | | 177 | | | | | | \Box | |] | | 127 | | ightharpoonup | \perp | | Ш | | | | |
| | 28 29 | \vdash | + | + | + | \vdash | - | + | - | | 78 79 | ├ | | + | + | - | \vdash | + | | | 128 129 | | | + | ╫┈ | Н | \dashv | \dashv | - | |
| | 30 31 | | | | | | | | 1 | | 80 | | | 士 | | | | | 1 | | 130 | | | | | | | | _ | |
| <u> </u> | 3 3 32 | $\vdash \downarrow$ | _ | + | 1 | \sqcup | \dashv | \perp | 4 , | | 81 82 | \vdash | $ \mid$ | \bot | \bot | \Box | \perp | # | 4 . | | 111 | $oxed{oxed}$ | \bot | + | L | Ц | \Box | \perp | - | |
| | 33 | H | + | + | + | \vdash | - | + | 1.4 | - | 83 | ┝ | \dashv | + | | \vdash | - | | ┨╏ | | 132 133 | | | ╁ | \vdash | \vdash | | ╁ | \dashv | |
| | 33 34 | | | | | | \Box | |] | | 84 85 | | | I | | | | |]] | | 134 135 | | | | | | | | | |
| - | 35 35 | \vdash | + | + | + | Н | \dashv | + | - | - | 85 86 | - | | + | + | \vdash | _ | - | 4 | | 1 3 5 1 3 6 | ┝╌┼ | - | | \perp | | | | = | |
| | 37 | | | | | | | | 1. | | 87 | | | + | + | \vdash | \dashv | + | 1 | | 137 | Н | + | + | + | $\vdash \vdash$ | | + | 1 | |
| | 38 39 | | | _ | \bot | | _ | |] . | | 88 | | \Box | _ | | | | |] | | 138 | | | | | | | 1. | | |
| | 40 | \vdash | + | + | + | \vdash | \dashv | + | ┨ | - | 89 90 | | \dashv | + | + | | | | ┨╢ | | 139 140 | \vdash | + | + | H | \vdash | | - | - | |
| | 4 | | \perp | 丰 | | | \sqsupset | 士 | 1 | | 91 | | | | 士 | \square | 士 | | 1 | | 141 | | 1 | | | | 士 | 士 | | |
| | 48 48 | \dashv | + | + | + | Н | - | + | \dashv | | 92 | \vdash | _ | - - | + | \Box | \bot | \bot | ┨ | | 142 143 | $\vdash \downarrow$ | — [* | + | $\!$ | \Box | $-\bot$ | \perp | - | |
| | 4 | \vdash | + | + | +- | H | \dashv | + | 1 | | 93 94 | | \dashv | +- | + | Н | \dashv | + | ┪╏ | | 144 | \vdash | + | + | H | H | | \dashv | - | |
| | _45 | | \downarrow | 工 | | | \sqsupset | 工 | 1 | | \$5 | | 丰 | 1 | 丰 | | \perp | 上 |] [| | 145 | | 上 | 丰 | | | \perp | 1 |] | |
| \vdash | 46 | $\vdash \vdash$ | + | + | + | $\vdash \vdash$ | \dashv | + | $\left\{ \right.$ | | 96 97 | \vdash | - | + | + | \vdash | 4 | + | | | 146 147 | | + | + | Н | \vdash | | | 4 | |
| | 48 | Ħ | _ | | \perp | \Box | _ | \exists | 1 | | \$ 8 | | \dashv | + | + | \vdash | \dashv | + | 1 } | | 148 | \vdash | + | + | \forall | H | _ | + | + | |
| | 49 50 | \Box | 7 | 1 | \Box | \Box | | |] | | 49 | П | 1 | 1 | \perp | 口 | | 工 |] [| | 149 | | \perp | \bot | П | 口 | 二 | |] | |
| Щ | -50 | Ш | L | | Ш | Ш | \perp | | J | L | 100 | Ш | Щ. | _L_ | | | | | Jl | | 150 | Ш | | | | Ш | | | ╛ | |

| Index of Claims (continued) | | | | | | | | | | | | | Application/Control No. 09/818,466 | | | | | | | | Applicant(s)/Patent under Reexamination LEE ET AL. | | | | | | | | | | |
|-----------------------------|------------|----------|---|-----|----------|--|----------|---|-------------------------------------|-----------|-----------------------------|-----------|------------------------------------|----------|----------|----------|----------|--------------|---------------------|----------------|---|------------|---------------|----------|--------------------|-----------|----------------|----------|---|---------|----------|
| | | Ш | | | | Ш | | Ш | Ш | | | | | | | xam | | | <u> </u> | | | | \dashv | | rt U | | | <u></u> | | Τ- | |
| | | | | | | | | Ш | Ш | | | | | | - | Xaii | 11116 | * 1 | | | | | | ^ | | ,,,, | | | | | |
| | | | | | | | | | | | | Н | Humera N. Sheikh | | | | | | | | 10 | 615 | 5 | | | | | | | | |
| | | | | | | | , | | _ | | | | | | | | | _ | | | | | | | | | | | _ | | |
| | | √ | R | eje | cte | €d | | | _ | • | (Through numer Cancelled | | | | | al) N | | | Non-Electe | | ted | | A | Appeal | | | | | | | |
| | = Allow | | | we | ved | | | ÷ | R | | | estricted | | | ı | Interfe | erei | nce | | 0 | Objected | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | <u> </u> | _ | | | |) | | | | | | | <u> </u> | | _ |
| Cla | im | _ | _ | | _[| Dat | e T: | | | _ | - | Cla | im | | | D: | ate | _ | | - | CI | aim | - | | _ | 무 | ate | | | | 4 |
| Final | Original | 12/2/06 | - | | | | | | | | | Final | Original | | | | | | | | Final | Original | | | | | | | | | |
| | 15 1 | | _ | | - | _ | - | | - | \dashv | - | | 201 | | + | + | + | + | | - | | 251 | ╁┼ | \dashv | \dashv | + | \dashv | \dashv | + | + | - |
| | 152 | | | | _ | | \vdash | | | - | ┢ | | 202 | - | + | \dashv | + | + | ++- | ┨ | - | 252 | \vdash | \dashv | \dashv | \dashv | \dashv | + | + | + | 1 |
| | 153 | | | | \vdash | | \vdash | | \vdash | \neg | ı | | 203 | \dashv | \top | \dashv | \top | † | + | ┪. | - | 253 | | 7 | \top | 7 | 寸 | \top | \dashv | \top | 1 |
| | 154 | | | | Г | | | | | | Г | | 204 | | \top | \top | | \top | | 1 | | 254 | | | | \exists | \Box | | | | |
| | 155 | | | | | | | | | | | | 205 | | | | | | |] | | 255 | | | \Box | \Box | | \Box | \Box | \bot | |
| | 156 | \Box | _ | | <u> </u> | L | Ш | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ц | L | | 206 | \perp | | \perp | \perp | 4 | | 4 | | 256 | \sqcup | 4 | \perp | \dashv | _ | _ | \dashv | \perp | 4 |
| | 157 | | | | <u> </u> | L | H | | <u> </u> | Н | : ;, | | 207 208 | | | - | - | + | | 4. | | 257 | H | 4 | + | 4 | \dashv | \dashv | - | - | 4 |
| | 158 159 | | | | ┢ | | | | ⊢ | \dashv | · - | | 209 | + | + | \vdash | + | + | + | ┨╵ | - | 258 259 | ╁┼┼ | ┥ | - | \dashv | \dashv | \dashv | \dashv | + | \dashv |
| | 160 | | | | | ┢ | \vdash | | \vdash | \vdash | . F | | 210 | | + | | | + | | ┨ | | 260 | \vdash | ┪ | \dashv | \dashv | -+ | \dashv | + | + | ┥ |
| | 161 | Н | _ | | | | \Box | | Η | \dashv | <u> </u> | | 211 | \dashv | | \vdash | \dashv | + | | 1 | | 261 | T^{\dagger} | 7 | 十 | 1 | \dashv | \dashv | + | \top | ヿ゙゠ |
| | 162 | | | | | | | | | | | | 212 | | | | | | |] | | 262 | | ╛ | | J | | | | | |
| | 163 | | | | | | | | | | | | 213 | | | | | \Box | |] | | 263 | | | \Box | \Box | | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | \perp | |
| | 164 | Ш | | | | _ | Ш | | | \square | L | | 214 | | | | | 1 | $\perp \perp \perp$ | 1 | L | 264 | \Box | _[| $\perp \downarrow$ | \perp | _ | | 4 | | 4 |
| | 165 | | _ | | | L | | | <u> </u> | | | | 215 | _ | - | \dashv | + | 4 | + | | | 265 | \sqcup | 4 | 4 | 4 | \dashv | \dashv | + | 4 | 4 |
| | 166 | | | _ | - | - | - | | \vdash | \dashv | - | | 216 | + | + | \dashv | + | 4 | ++ | - | - | 266 | \vdash | 4 | \dashv | \dashv | \dashv | \dashv | + | + | 4 |
| | 167 168 | | - | | \vdash | ├ | \vdash | _ | - | \dashv | | | 217 218 | \dashv | - | \dashv | + | + | | - | - | 267 268 | \vdash | \dashv | \dashv | \dashv | + | \dashv | + | + | - |
| | 169 | Н | | | - | \vdash | \vdash | | - | | - 1 | | 219 | | + | + | + | + | | 1 | \vdash | 269 | ++ | ┥ | + | \dashv | \dashv | \dashv | + | + | \dashv |
| | 170 | \dashv | - | | \vdash | - | \vdash | | - | \dashv | | | 220 | + | + | + | + | + | - - | ا ' | <u> </u> | 270 | \vdash | ᅥ | \dashv | \dashv | \dashv | + | + | + | ┪ |
| | 171 | 1 | _ | | \vdash | \vdash | T | | \vdash | \dashv | | | 221 | \dashv | \dashv | \vdash | \top | † | 11 | 1 | | 271 | \vdash | ┪ | \dashv | 十 | $\neg \dagger$ | 十 | \dashv | \top | _ |
| | 172 | \Box | | | | Г | | | | \Box | | | 222 | \neg | | | \top | 1 | | 1 | \vdash | 272 | \Box | ┪ | _ | \dashv | | \dashv | 十 | \top | 7 |
| | 173 | | | | | г | 1 | | 1 | \neg | – | | 223 | | | | | _ | | ┑ ` | | 273 | 1 -1 | _ | | | | _ | | | _1 |

| 165 | | 7.17 | 265 | 1 |
|-------|-----|------|-----|---|
| 165 | 216 | | 266 | |
| 167 | 217 | | 267 | |
| 168 | 218 | | 268 | |
| 169 | 219 | | 269 | |
| 170 | 220 | | 270 | |
| 171 √ | 221 | | 271 | |
| 172 | 222 | | 272 | |
| 173 | 223 | | 273 | |
| 174 | 224 | | 274 | |
| 175 | 225 | | 275 | |
| 176 | 226 | | 276 | |
| 177 | 227 | | 277 | |
| 178 | 228 | | 278 | |
| 179 | 229 | | 279 | |
| 180 | 230 | | 280 | |
| 181 | 231 | | 281 | |
| 182 | 232 | | 282 | |
| 183 | 233 | | 283 | |
| 184 | 234 | | 284 | |
| 185 | 235 | | 285 | |
| 186 | 236 | | 286 | |
| 187 | 237 | | 287 | |
| 188 | 238 | | 288 | |
| 189 | 239 | | 289 | |
| 190 | 240 | | 290 | |
| 191 | 241 | | 291 | |
| 192 | 242 | | 292 | |
| 193 | 243 | | 293 | |
| 194 | 244 | | 294 | |
| 195 | 245 | | 295 | |
| 196 | 246 | | 296 | |
| 197 | 247 | | 297 | |
| 198 | 248 | | 298 | |
| 199 | 249 | | 299 | |
| 200 √ | 250 | | 300 | |